Gas Regulator
IM-055

Dual pressure reduction system enables precise pressure adjustment. The pressure gauges are designed to suit with incubator use.

Primary Gauge 0～25Mpa
Secondary Gauge 0～0.3Mpa

Air Filter Kits
IF-200(for CPI/CPM-165)

The optional 0.3μ(pore size) glass paper air dust filters capture dust particles and fungus spores circulating in the chamber, reducing the risk of contamination.

Replacement Air Dust Filter ⅠF-15

Shelves and Shelf Brackets

Shelves made of stainless steel, sturdy with smooth surface. Shelf brackets come in a set of two and easy to install.

CPI/CPM-165 Shelf 165001
CPI/CPM-165 Brackets 165002(2 / set)

Glass Small Windows
GAW-165DH Option only for CPI/CPM-165

Optional glass small windows can be replaced with standard door and can accommodate to high temperature during heat sterilization.

No. of windows: 3
Window size: W377×H126mm
Type of Glass: Tempered Glass (t; 4mm)

Gas Guard System
GS-701

Gas Guard System switches the gas supply source to a backup cylinder when a cylinder in use runs out. Built-in audio and visual alarms notify when the switching function is activated.

Dimensions W210×D390×H94mm
Weight 4.5Kg Power Supply AC100/110/220V

Auto Gas Analyzer
AGA-2008

Auto Gas Analyzer is equipped with a rechargeable built-in battery and can measure both CO₂ and O₂ concentration.

CO₂ Measuring Range: 0～18.0%
O₂ Measuring Range: 0～22.0%
Dimensions: W150×D280×H187mm
Weight: 4.5Kg
Power Supply: AC100V/110V/220V

163L Incubator Pedestals
ⅠM-011/ⅠM-033

163L incubator can be secured on stable pedestals. Tools for securing the pedestal onto the floor or wall are also available.

ⅠM-011

ⅠM-033

ⅠM-011(with casters)
W700×D635×H600mm
ⅠM-033(with casters for two-tiered incubators)
W700×D635×H150mm

475L Incubator Pedestals
IM-475STD

Incubator can be secured on stable pedestals. Portable with casters.

IM-475STD
W877×D684×H365mm

⚠ **Please note that only products are subject to warranty.**
Any loss or damage caused by product malfunctions is out of our warranty liability.

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Direct Heat Type
CO₂/MULTI-GAS INCUBATOR

475L(16.8ft³) Capacity

165L(5.8ft³) Capacity

DIRECT HEAT
CO₂/MULTI GAS INCUBATOR

The BEST INCUBATOR for cells!
Dry-Heat Sterilization Function as standard!

1 Dry-Heat Sterilization
Residual toxic free with 140 ℃ Dry-Heat Sterilization.

2 Large LCD Touch Panel
Improved legibility and operability.
Satisfactory Graph, Log and Event features are newly added.

3 Temperature Stability
Temperature distribution within±0.3℃ for 165L and ±0.5℃ for 475L,
providing optimal environment for cells and tissues.

4 High Humidity
Maintaining humidity in the chamber within 95%±4% provides excellent temperature stability, and
maintains optimal osmorality of media as synergetic effect.

5 Log /Event Data
Easy to record and output incubator daily data in CSV format to USB flash memory by connecting to
the USB port located at right lateral of control panel.
(Log: date, time, temp., gas concentration, no. of door open/close Event: CO_2 Alarm, and so on. 79 kinds data)

6 Gas Guard Function (Factory Option)
An automatic cylinder switching device. The devices for CO_2 and O_2 (N_2) control can be built-in individually.

7 CO_2 Auto Zero Calibration Function
Model equipped with the IR sensor can be calibrated for CO_2 zero once in every 10 days so that
it contributes to the accurate sensor control.

8 O_2 Auto Span Calibration
Model equipped with the O_2 sensor can be calibrated for O_2 span once in every 7 days
so that it contributes to the accurate sensor control.

9 Auto Set Up
Set Up Mode is to stop gas supply and alarm function during setting up or when temperature and/or humidity is not
stable. This mode deactivates after 12 hours automatically and start accurate control.

10 Door Options
Optional Glass Small Windows for 165L capacity and Double Glass Doors for 475L capacity are available.
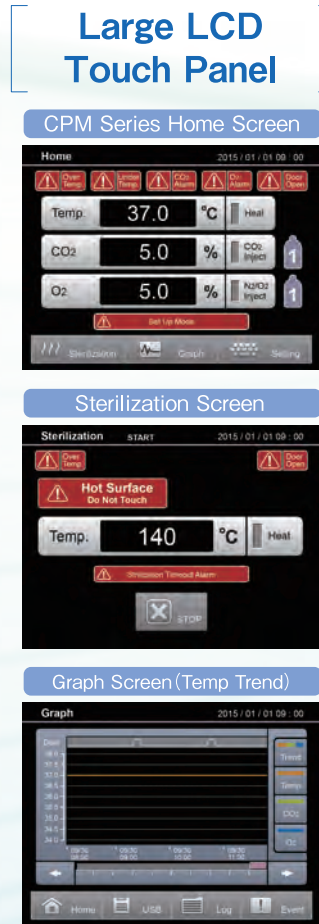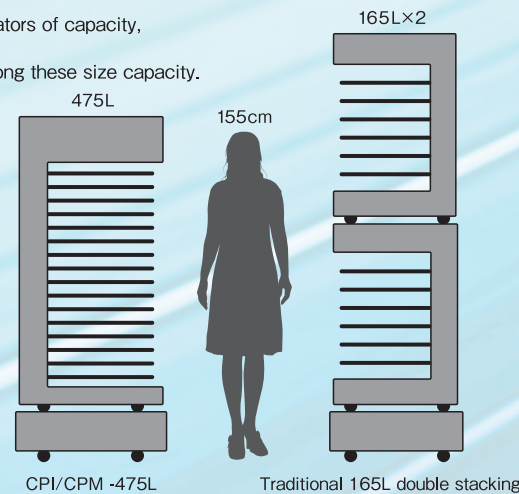
11 Stackable
165L incubators are stackable up to two levels using dedicated brackets.

■Comparison of large capacity incubator with traditional incubator
Not only large capacity 475L, approx. 3 traditional incubators of capacity,
but also the temperature distribution within +/-0.5℃.
It also provides the highest humidity 85%RH or more among these size capacity.

Double Glass Doors on the large capacity, 475L

475L   155cm   165L×2

CPI/CPM -475L   Traditional 165L double stacking

Large LCD Touch Panel

CPM Series Home Screen

Home   2015 / 01 / 01 09 : 00
Temp. 37.0 ℃
CO_2 5.0 %
O_2 5.0 %

Sterilization Screen

Sterilization   START   2015 / 01 / 01 09 : 00
Hot Surface Do Not Touch
Temp. 140 ℃

Graph Screen (Temp Trend)

Graph   2015 / 01 / 01 09 : 00

Easily viewable design for Gas Concentration, Temperature,
Cylinder No. in use (when Gas Guard function enabled) and Alarm Messages.
User-Friendly interface and good response touch panel provide intuitive operations.

165L Door Open

916
635
625

■ CPI/CPM-475 Specifications

Model	CPI-475	CPI-475R	CPM-475	CPM-475R
Exterior dimensions	W817(32.2) × D752(29.6) × H1424(56.1) mm(in.)*			
Inner Chamber Dimensions	W701(27.6) × D594(23.4) × H1145(45.1)mm(in.)			
Capacity	475L (16.8ft³)			
Exterior	Bonderized Steel Plate with Electrostatic Baking Coating			
Interior	Stainless-Steel Plate SUS304			
Inner Door	Tempered Glass			
Shelves	W620mm× D546mm × H11mm(14 shelves standard)			
Temperature Control	PID Control			
Temperature Range	Ambient +5℃〜50.0℃			
Temperature Control Accuracy	±0.1℃(During sterilization:±3℃)			
Temperature Uniformity	±0.5℃(During sterilization:±10℃)			
Sterilization Temp.	50.0℃〜140.0℃			
Sterilization Time	0.1〜10.0 hours			
CO_2 Sensor	T/C	IR	T/C	IR
CO_2 Control Range	0.0%〜20.0%			
CO_2 Control Accuracy	±0.2%			
O_2 Sensor	−		Galvanic Battery	
O_2 Control Range	−		3.0%〜80.0%	
O_2 Control Accuracy	−		±0.5%	
Humidity	85%RH or more			
Humidity System	Natural Evaporation(Humidity Pan)			
Safety Function/Alarms	Safety Cut-off/Alarm: Temp., C O_2, O_2			
Rated Current	AC100-120V 13A(Max.)/AC 200-240V 6.5A (Max.) 50Hz/60Hz			
Power Consumption	1300W(Max.)			
Weight	150Kg			
Option	Analog Output, Alarm Contact Output, Gas Guard, HEPA Filter Kit			

■ CPI/CPM-165 Specifications

Model	CPI-165	CPI-165R	CPM-165	CPM-165R
Exterior dimensions	W625(24.6) × W635(25.0) × H916(36.1) mm(in.)*			
Inner Chamber Dimensions	W510(20.1) × W500(20.0) × H640(25.2) mm(in.)			
Capacity	163L (5.8ft³)			
Exterior	Bonderized Steel Plate with Electrostatic Baking Coating			
Interior	Stainless-Steel Plate SUS304			
Inner Door	Tempered Glass			
Shelves	W435mm× D435mm × H11mm(4 Shelves standard)			
Temperature Control	PID Control			
Temperature Range	Ambient +5℃〜50.0℃			
Temperature Control Accuracy	±0.1℃(During sterilization:±3℃)			
Temperature Uniformity	±0.3℃(During sterilization:±3℃)			
Sterilization Temp.	50.0℃〜140.0℃			
Sterilization Time	0.1〜10. hours			
CO_2 Sensor	T/C	IR	T/C	IR
CO_2 Control Range	0.0%〜20.0%			
CO_2 Control Accuracy	±0.1%			
O_2 Sensor	−		Galvanic Battery	
O_2 Control Range	−		2.0%〜80.0%	
O_2 Control Accuracy	−		±0.5%	
Humidity	95%±4%RH			
Humidity System	Natural Evaporation (Humidity Pan)			
Safety Function/Alarms	Safety Cut-off/Alarm: Temp., C O_2, O_2			
Rated Current	AC100-120V 10A(Max.)/AC 200-240V 5A (Max.) 50Hz/60Hz			
Power Consumption	1000W(Max.)			
Weight	85Kg			
Option	Analog Output, Alarm Contact Output, Gas Guard, HEPA Filter Kit			

※The specification may change without prior notice.
The specifications are based on our criteria.
★ Projection portion excluded